

FIG. 1

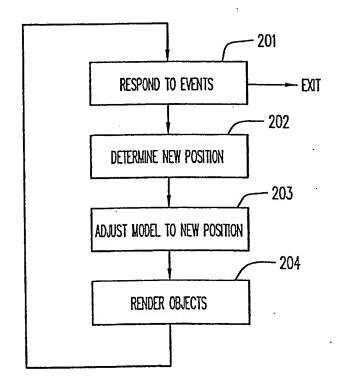


FIG. 2

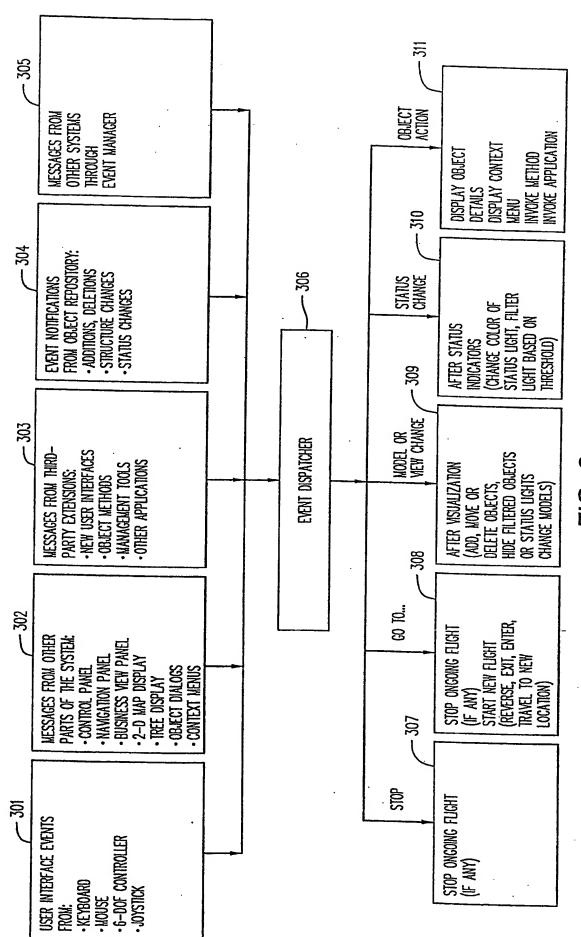
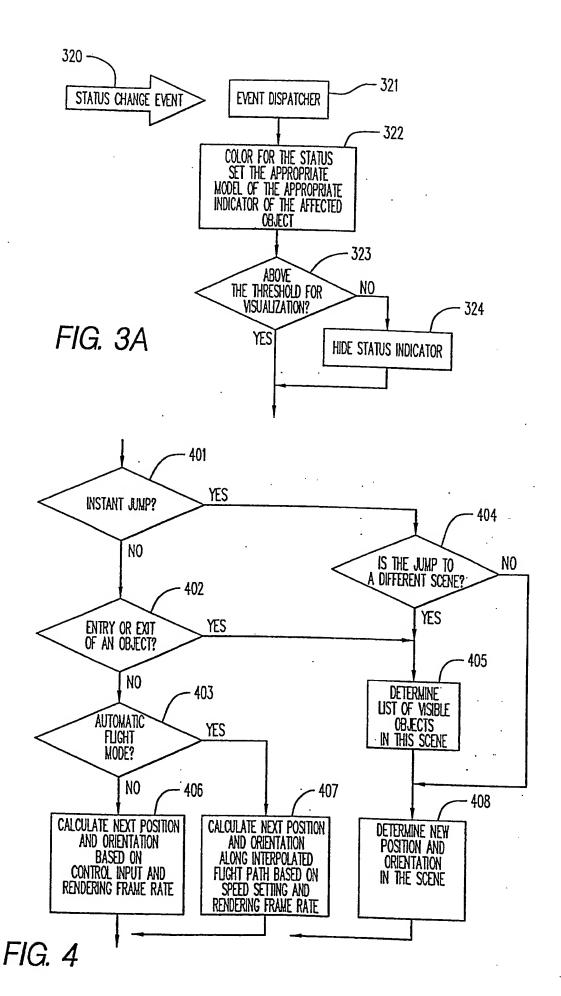
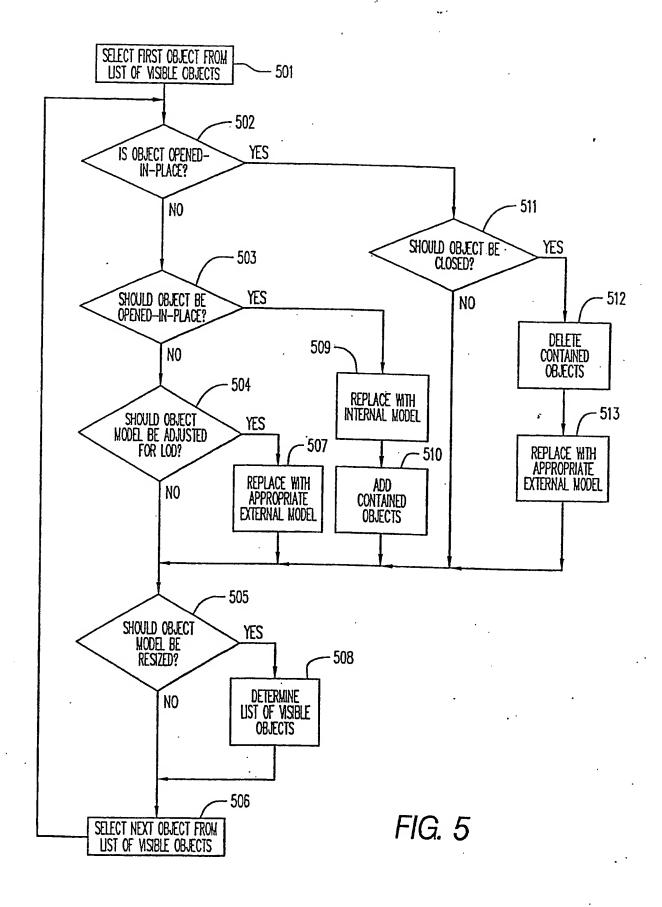
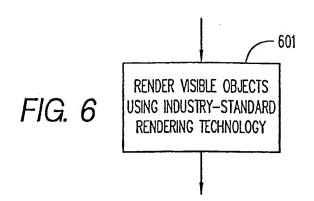


FIG. 3



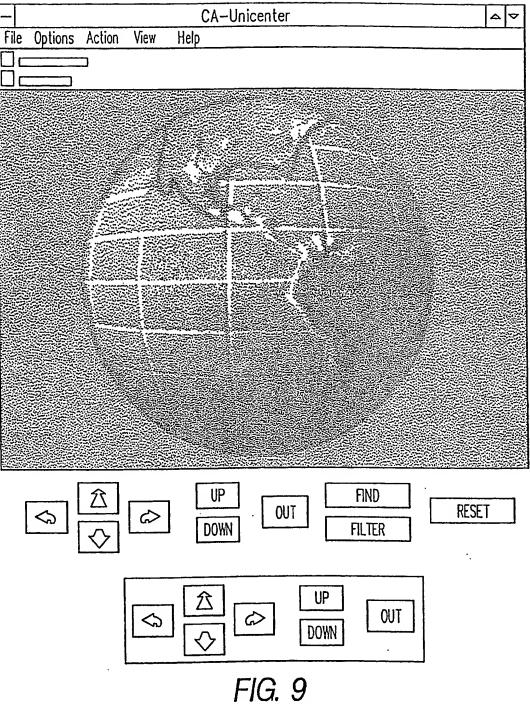




|        | — CA-Unicenter T   | NG Control Panel ▽ |
|--------|--|--------------------|
|        | 会  |                    |
|        | Paris  | [호]                |
| FIG. 7 | Headquarters<br>TCP/IP Network<br>187.148<br>187.148 Segment 3<br>187.148.249.19<br>Unispace |                    |
|        | Critical Alerts  | Alerts             |

Global Network
Payroll
Order Processing
Dispatch
Storage management
R&D

Business Views



2. ASCEND THE 4. ASCEND THE HIERARCHY HIERARCHY WITH THE WITH THE UNITED STATES UNITED STATES 1. NAVIGATE "YOU ARE HERE" "YOU ARE HERE" CHICAGO **NEW YORK** MANUALLY NAMGATION **NAVIGATION** CHI HEADQUARTERS NY HEADQUARTERS DOWN INTO ADMIN. NETWORK DEVELOPMENT NETWORK THE HIERARCHY 3. "TAKE ME THERE" SUBNETWORK 141.206.213 SUBNETWORK 141.206.111 SEARCH, OR TREE SEGMENT 141.206.111.2 SEGMENT 141.206.213.6 DEVICE 141.206.111.222 DEVICE 141.206.213.64 5. GO BACK THROUGH HISTORY LOG

FIG. 9A

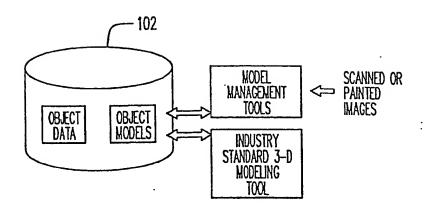


FIG. 10

|       |            |          | A-Unicenter TNG Class Wizard - I   | [Solaris]  |
|-------|------------|----------|--|------------|
| Class | Properties | SysObjlD | Menu Cursor 2D Icon 3D Icon  |            |
|       |            |          | © Modify Existing Class  ○ Create New Class  □ DG_UX □ FWIUxp □ HPServer □ HPUnix □ ICLUnix □ ICLUnix □ Novell □ □ RISC6000 □ □ Silicon □ Solaris □ WileetUX |            |
|       |            |          | OK Cancel  | Class Help |

FIG. 10A

|       |            |          | CA-Un | icenter T                               | NG Cla    | s Wizard - [Solari   | 3]                                |      |
|-------|------------|----------|-------|---|-----------|--|-----------------------------------|------|
| Class | Properties | SysObjiD | Menu  | Cursor                                  | 2D Icon   | 3D Icon  |                                   |      |
|       |            |          | Con   | ntains all ca<br>Properties<br>Insert G | ass level | P (Diass level pr<br>中 (Class_F)<br>中 (Class_F)<br>中 (Map_2d<br>中 (System)<br>中 (Vendor) | ag  or  m_left_name  m_right_name | 0    |
|       |            |          |       | OK                                      |           | Cancel   | Apply.                            | Help |

FIG. 10B

| <del></del>        | UA         | -Unicenter TNG C  | ass Wizard - [Solaris                            | ]       |
|--------------------|------------|---|--|---------|
| Class Properties S | SysObjlD M | enu Cursor 2D lo  | on 3D icon                                       |         |
| Secretary 100      |            | SysObjiD Labet Insert Delete  Existing SysObjiD  16.6.14.1106 16.6.14.1107 16.6.14.1123.10.12 16.6.14.1123.23 16.6.14.1123.25 16.6.14.1123.25 16.6.14.1123.91 | 13.6.14.11919.11<br>13.6.14.1504<br>13.6.14.1505 | (DG_UX) |

FIG. 10C

|       | . CA-l   | Unicenter TNG Class Wit | zard — [Solaris] |
|-------|--|-------------------------|------------------|
| Class | Properties Sys0bjD Meni                                    | Cursor 20 Icon 3D       | ) Icon           |
|       |  | Menu Name:              | ManagedObject }  |
|       |  | Caption:                | &Open Details    |
|       | Open Details Edit Class Object View Go There Open Alarmset |                         | Open &Alarmset   |
|       |  | OK C                    | ancel Apply Help |

FIG. 10D

| 日  |                        | CA-Unice      | nter TNG Class Wizard — [Solaris]                     |  |
|----|------------------------|---------------|---|--|
| CI | ass   Properties   Sys | ObjD Menu C   | Oursor 2D Icon 3D Icon                                |  |
|    |                        | <i>:</i><br>: | Cursor labels   |  |
|    | Class_name             | severity      | Upper Left <u>class_name</u> ] ≥ Upper right severity |  |
|    | label                  | address       | Lower Left label ♀                                    |  |
|    |                        |               | Lower Right address 오                                 |  |
|    |                        |               |   |  |
|    |                        | [             | OK Cancel Apply Help                                  |  |

FIG. 10E

| Class   Properties   SysObjD   Menu | icenter TNG Class Wizard — [Solaris]  Cursor 2D Icon 3D Icon  |
|-------------------------------------|---|
| normal_icon                         | Title Position Bottom Border  Symbols  File  Clear  unknown_icon  Reset All  minor_icon  major_icon  critical_icon  vertical_icon |
|                                     | OK Cancel Apply Help  |

FIG. 10F

|  | <del></del> | .,       | CA-Uni | center ' | TNG Class W                                | /izard - (Solari                | is]           |                   |
|--|-------------|----------|--------|----------|--|---------------------------------|---------------|-------------------|
| Class                                  | Properties  | SysObjlD | Menu   | Cursor   | 2D Icon 3                                  | D Icon                          |               |                   |
|  |             |          |        |          | Object Cold 3D Name Symbols File Name Name | SUN  nff_file1  SERVSUNN  block | FF            | ances             |
| -Mode -<br>Camera<br>Move O<br>Edit Ob | Fly O       | Rotate 0 | bject  |          | e Position of: /iewpoint Object            | Preview                         | Save Save as. | Undo ZoomAll Help |

FIG. 10G

| Objects |
|---------|
|         |
| OK      |
| Cancel  |
|         |
| 0       |
|         |

FIG. 10H

| — Op  | oen (Symbol nff_file1)                  |           |
|---|---|-----------|
| File name:  *.nff  aga.nff  | Folders: c: \tngwv\models  C: \         | OK Cancel |
| dod.inff<br>aga1.nff<br>AGUTE.NFF<br>dlum_cyl.nff<br>ARCPROC.NFF<br>AS400.NFF<br>AS400_BO.NFF<br>AS4002.NFF | E TNGW<br>MODELS                        | Help      |
| File nome:  | File name:<br><b>©</b> c: N1731092395 ◆ | Network   |

FIG. 101

|                                       |            | CA-U          | Inicenter TNG Class Wizard - [Solaris]                                   |
|---------------------------------------|------------|---------------|--|
| Class                                 | Properties | SysObjiD Menu | u Cursor 2D Icon 3D Icon   |
|                                       |            |               | Object Colors Textures Size Distances  Custom Colors  Background Color.  |
| Mode -<br>Camera<br>Move O<br>Edit Ob | bject O    | Rotate Object | Restore Position of: Viewpoint Object Preview Save Undo Save as. ZoomAll |
|                                       |            |               | OK Cancel Apply Help   |

FIG. 10J

| Class            | Properties | ChaOpilo   |          |           | NG Class  |        | _         | Okarisj   |             |                 |
|------------------|------------|------------|----------|-----------|---|--------|-----------|-----------|-------------|-----------------|
| Oldoo            | Lubanes    | SysObjlD   | Menu     | Cursor    | 2D Icon   | 3D Ico | n [       |           |             |                 |
|                  |            |            |          |           | Object C  | olors  | Textur    | es Size   | Distanc     | es              |
|                  |            |            |          |           | File:   |        |           | Preview:  |             |                 |
|                  |            |            |          |           | 3174PUTGA<br>3174PUETGA<br>3174PUFTGA<br>3174PUTTGA<br>3174XTGA<br>3174XTGA<br>AFRICATGA<br>List files of | A<br>1 | <b>\$</b> |           |             |                 |
| Mode             |            | ¬ r Rotate | Object - | ı r Resto | TARGA Files (<br>e Position of:   | (*iga) | ₽         | ☐ Transpa | arent       |                 |
| Move (<br>Edit O | Object O   |            | <u>.</u> |           | /iewpoint<br>Object   |        | Previev   | Save      | <del></del> | Undo<br>ZoomAll |
|                  |            |            |          | 0         | K   | Cano   | el        | Apply     |             | Help            |

FIG. 10K

|                                       |            | CA-U          | nicenter TNG Class Wizard - [Solaris]                                   |
|---------------------------------------|------------|---------------|---|
| Class                                 | Properties | SysObjiD Menu | Cursor 2D Icon 3D Icon  |
|                                       |            |               | Object Colors Textures Size Distances    Scale Uniformly                |
| Mode -<br>Camera<br>Move O<br>Edit Ob | bject O    | Rotate Object | Restore Position of Viewpoint Preview Save Undo Object Save as. ZoomAll |
|                                       |            |               | OK Cancel Apply Help  |

FIG. 10L

|                                       |            |          | O/\-UIII | odila i | ING Class Wizard   | - ISOIAINSI  |                         |
|---------------------------------------|------------|----------|----------|---------|--|--|-------------------------|
| Class                                 | Properties | Sys0bjlD | Menu     | Cursor  | 2D Icon 3D Icon  |  |                         |
|                                       |            |          |          |         | Object Colors T  Distance 1:  Distance 2:  Distance 3:  Distance 4:  Expand Distance:  Status: | 99999.000000  0.000000  0.000000  0.000000  0.000000 | es                      |
| Mode -<br>Camera<br>Move C<br>Edit Ob | bject O    | Rotate C | Object - |         | Object   | Save Save Save Save Apply                            | Undo<br>ZoomAII<br>Help |

FIG. 10M

|  |            | CA-U          | nicenter TNG Class Wizard - [Solaris]   |
|--|------------|---------------|---|
| Class                                    | Properties | SysObjiD Menu | Cursor 2D Icon 3D Icon  |
|  |            |               | Object Colors Textures Size Distances  3D Name WindowsNT  Symbols Workstation  File Name WORKSTNNFF  Name Workstation  New Object File. |
| - Mode -<br>Camera<br>Move O<br>Edit Obj | bject O    | Rotate Object | Restore Position of: Viewpoint Object Preview Save Undo Save as. ZoomAll  |
|  |            |               | OK Cancel Apply Help  |

FIG. 10N

|      |         |        |      | (    | CA-Unicen | iter |             | <br> |  |
|------|---------|--------|------|------|-----------|------|-------------|------|--|
| File | Options | Action | View | Help |           |      |             |      |  |
|      |         |        |      |      |           |      | <del></del> |      | ······································ |
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|      |         |        |      |      |           |      |             |      |  |
|      |         |        |      |      |           |      |             |      |  |

FIG. 11

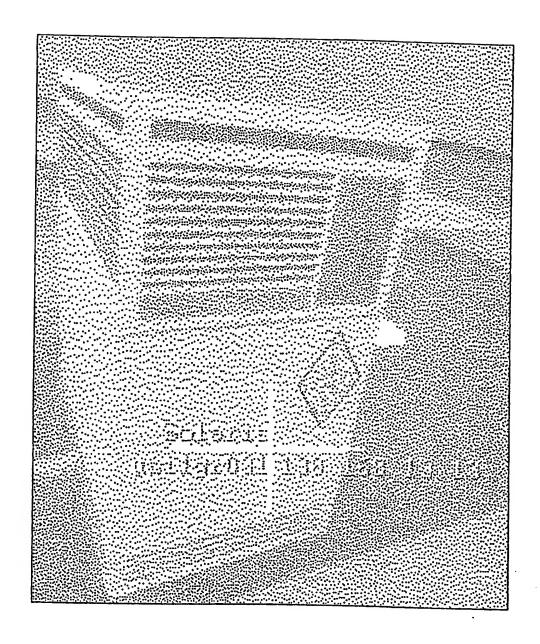


FIG. 12

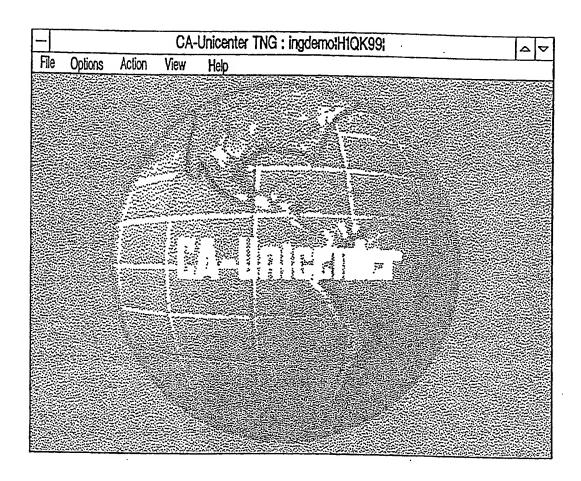


FIG. 13

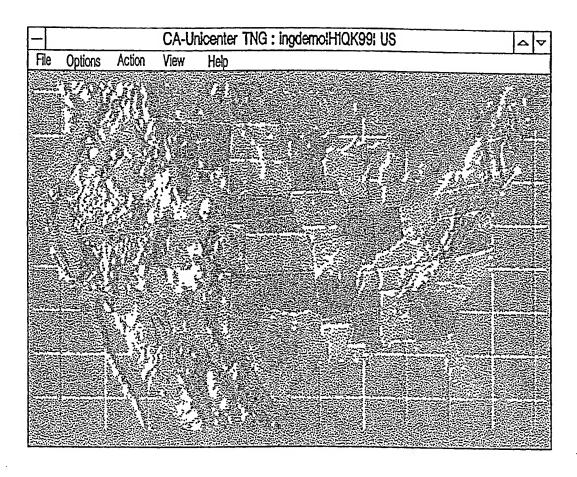


FIG. 14

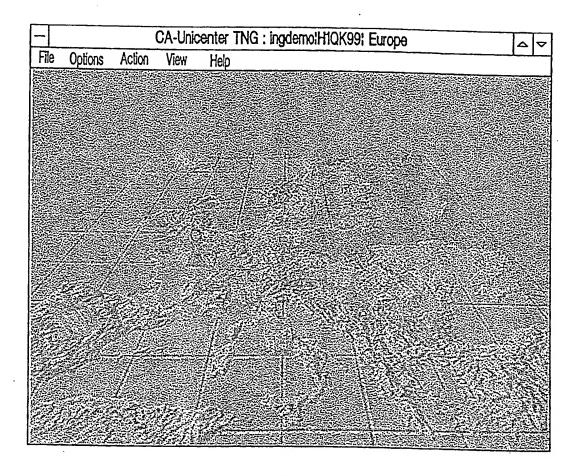


FIG. 15

|      |         | ···    |      |      | TNG: ingdemolHIQK99! Paris  | _         | T   |
|------|---------|--------|------|------|---|-----------|-----|
| File | Options | Action | View | Help |   |           |     |
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|      |         |        |      |      |   | +#        | 7   |
| 3.7  |         |        |      |      |   |           |     |
|      |         | 1      | 1    |      |   |           |     |
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FIG. 16

| ᆜ    |         |        |          | Jnicenter : | NG: Ing | Jemoi H1U | K99; 1 |  | _ |
|------|---------|--------|----------|-------------|---------|-----------|--------|--|---|
| File | Options | Action | View     | Help        |         |           |        |  |   |
| -com |         |        |          |             |         |           |        |  |   |
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|      |         |        |          |             |         |           | 4.7    |  |   |
|      |         |        |          |             |         |           |        |  |   |
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|      |         |        |          |             |         |           |        | The state of the s |   |
|      |         |        |          |             |         |           |        |  |   |
| - 74 | 77.0    |        | <u> </u> |             |         |           |        |  |   |
| 5    |         | 4.2    |          |             |         |           |        |  |   |
|      |         |        |          |             |         |           |        | 20 T   |   |
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FIG. 17

|           |         | UA-U   | nicente | r TNG: ingdemolH1QK99l; Jupiter.demo.com | _   | 1  |
|-----------|---------|--------|---------|--|-----|----|
| File      | Options | Action | View    | Help                                     |     | ٠. |
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| \$77.5    |         |        |         |  |     | ×. |
|           |         |        | 27.5    |  |     |    |
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| 4 S. W    |         |        |         |  |     | 4  |
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FIG. 18

| ile | Options | Action | View | Help | mo:HiQ |      |          | ·l |
|-----|---------|--------|------|------|--------|------|----------|----|
|     |         |        |      |      |        |      |          |    |
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|     | 200     |        |      |      |        |      |          |    |
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|     |         |        |      |      |        |      | <b>T</b> |    |
|     |         |        |      |      |        |      |          |    |
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| Š.  |         |        |      |      |        |      |          |    |

FIG. 19

Figure 20

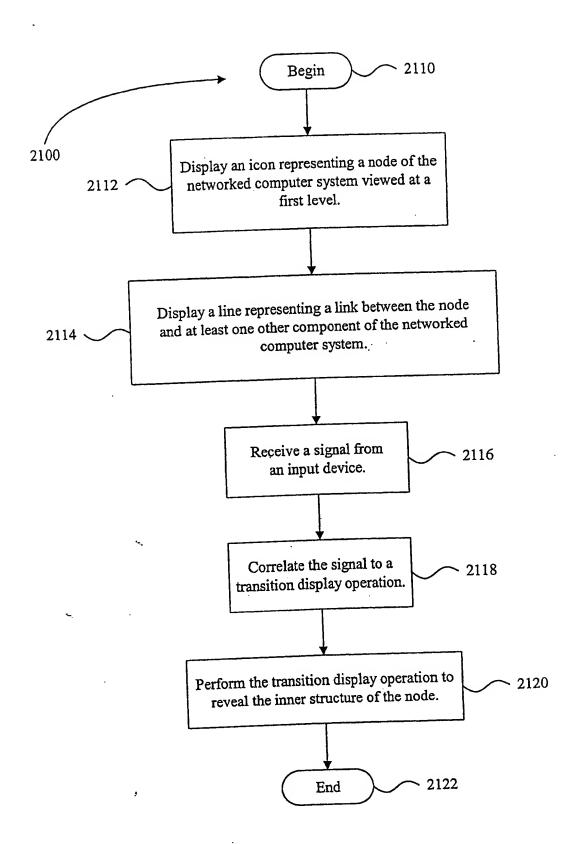


Figure 21